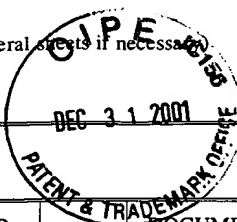


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	APPLICANT Min Lu and Hong Ji	
	FILING DATE June 8, 2001	GROUP ART UNIT Unknown 1648



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
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	AB					
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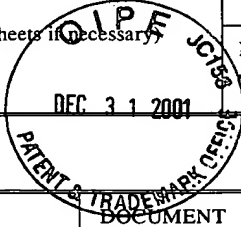
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

AK	Lu, M., et al. (1995) "A trimeric structural domain of the HIV-1 transmembrane glycoprotein," <i>Nature Structural Biology</i> , Vol. 12:1075-1082
AL	Blacklow, S.C., et al. (1995) "A Trimeric Subdomain of the Simian Immunodeficiency Virus Envelope Glycoprotein," <i>Biochemistry</i> , Vol. 34(46):14955-14962
AM	Lu, M., et al. (1997) "A Trimeric Structural Subdomain of the HIV-1 Transmembrane Glycoprotein," <i>Journal of Biomolecular Structure & Dynamics</i> , Vol. 15(3):465-471
AN	Chen, C.H., et al. (1995) "A Molecular Clasp in the Human Immunodeficiency Virus (HIV) Type 1 TM Protein Determines the Anti-HIV Activity of gp41 Derivatives: Implication for Viral Fusion," <i>Journal of Virology</i> , 3771-3777
AO	Tan, K., et al. (1997) "Atomic Structure of a thermostable subdomain of HIV-1 gp41," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 94:12303-12308

EXAMINER	DATE CONSIDERED 05/03/03
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use several sheets if necessary) (PTO-1449)	ATTY. DOCKET NO. 19603/2921 (CRF-D-2484a)	SERIAL NO. To Be Assigned
	APPLICANT Min Lu and Hong Ji	
	FILING DATE June 8, 2001	GROUP ART UNIT Unknown



U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
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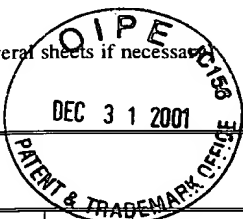
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	BH						
	BI						
	BJ						

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	BK	Salzwedel, K., et al. (1999) "A Conserved Tryptophan-Rich Motif in the Membrane-Proximal Region of the Human Immunodeficiency Virus Type 1 gp41 Ectodomain Is Important for Env-Mediated Fusion and Virus Infectivity," <i>Journal of Virology</i> , Vol. 73(3):2469-2480
	BL	Jiang, et al. (1993) "HIV-1 inhibition by a peptide" and "Nested fullerene-like structures," <i>Scientific Correspondence</i> , Vol. 365:113
	BM	Malashkevich, V.N., et al. (1998) "Crystal structure of the simian immunodeficiency virus (SIV) gp41 core: Conserved helical interactions underlie the broad inhibitory activity of gp41 peptides," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 95:9134-9139
	BN	Wild, C.T., et al. (1994) "Peptides corresponding to a predictive -helical domain of human immunodeficiency virus type 1 gp41 are potent inhibitors of virus infection," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 91:9770-9774
	BO	Gallagher, W.R., et al. (1989) "A General Model for the Transmembrane Proteins of HIV and Other Retroviruses," <i>AIDS Research and Human Retroviruses</i> , Vol. 5(4):431-440

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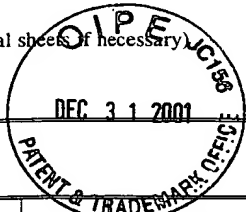
FOREIGN PATENT DOCUMENTS

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	CI					
	CJ					

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	CK	Chambers, P., et al. (1990) "Heptad repeat sequences are located adjacent to hydrophobic regions in several types of virus fusion glycoproteins," <i>Journal of General Virology</i> , 71:3075-3080
	CL	Wild, C., et al. (1995) "The Inhibitory Activity of an HIV Type 1 Peptide Correlates with Its Ability to Interact with a Leucine Zipper Structure," <i>AIDS Research and Human Retroviruses</i> , Volume 11(3):323-325
	CM	Delwart, E.L., et al. (1990) "Retroviral Envelope Glycoproteins Contain a 'Leucine Zipper'-like Repeat," <i>AIDS Research and Human Retroviruses</i> , Vol. 6(6):703-706
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	CO	Chan, D.C., et al. (1997) "Core Structure of gp41 from the HIV Envelope Glycoprotein," <i>Cell</i> , Vol. 89:263-273
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

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	APPLICANT Min Lu and Hong Ji	
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U.S. PATENT DOCUMENTS

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	DA					
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	DC					
	DD					
	DE					
	DF					
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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS- LATION IF APPRO- PRIATE
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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

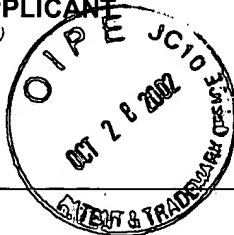
	DK	Caffrey, et al. (1998) "Three-dimensional solution structure of the 44 kDa ectodomain of SIV gp41," <i>The EMBO Journal</i> , Vol. 17(16):4572-4584
	DL	Yang, X., et al. (2000) "Modifications That Stabilize Human Immunodeficiency Virus Envelope Glycoprotein Trimers in Solution," <i>Journal of Virology</i> , Vol. 74(10):4746-4754
	DM	Yang, Z.N., et al. (1999) "The Crystal Structure of the SIV gp41 Ectodomain at 1.47 A Resolution," <i>Journal of Structural Biology</i> , 126:131-144
	DN	Weissenhorn, W., et al. (1997) "Atomic structure of the ectodomain from HIV-1 gp41," <i>Nature</i> , Vol. 387(22):426-430
	DO	
EXAMINER		DATE CONSIDERED 05/08/03
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Complete if Known

Application Number 09/877606

Filing Date June 8, 2001

First Named Inventor Unknown

Group Art Unit Unknown 1643

Examiner Name Unknown

Sheet 1 of 2

Attorney Docket No: 01676.002US1

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Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
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	WO-99/16883	04/08/1999	Sodroski, Joseph G, et al			

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Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
2		BLACKLOW, STEPHEN.C., et al., "A Trimeric Subdomain of the Simian Immunodeficiency Virus Envelope Glycoprotein", <u>Biochemistry</u> , (1995), 14955-14962	
		CHAN, DAVID.C., et al., "Core Structure of gp41 from the HIV Envelope Glycoprotein", <u>Cell</u> , (04/1997), 263-273	
		CHAN, DAVID.C., et al., "Evidence that a prominent cavity in the coiled coil of HIV type 1 gp41 is an attractive drug target", <u>Proceedings of the National Academy of Sciences of the United States of America</u> , (12/1998), 15613-15617	
		CHEN, CHIN-HO., et al., "A Molecular Clasp in the Human Immunodeficiency Virus (HIV) Type 1 TM Protein Determines the Anti-HIV Activity of gp41 Derivatives: Implication for Viral Fusion", <u>Journal of Virology</u> , (06/1995), 3771-3777	
		FURUTA, RIKAA., et al., "Capture of an early fusion-active conformation of HIV-1 gp41", <u>Nature Structural Biology</u> , (04/1998), 276-279	
		KILBY, J.M., et al., "Potent suppression of HIV-1 replication in humans by T-20, a peptide inhibitor of gp41-mediated virus entry", <u>Nat Med</u> , (11/1998), Abstract	
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		LAWLESS, M.K., et al., "Quantitation of a 36-amino-acid peptide inhibitor of HIV-1 membrane fusion in animal and human plasma using high-performance liquid chromatography and fluorescence detection", <u>J Chromatogr & Biomed Sci Appl</u> , (04/1998), Abstract	

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DATE CONSIDERED

05/03/03

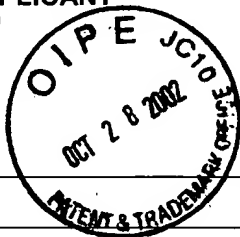
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Complete if Known

Application Number 09/877606

Filing Date June 8, 2001

First Named Inventor Unknown

Group Art Unit Unknown 16-18

Examiner Name Unknown

Attorney Docket No: 01676.002US1

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OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

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		LU, MIN., et al. , "A trimeric structural domain of the HIV-1 transmembrane glycoprotein", <u>Nature Structural Biology</u> , (12/1995), 1075-1082	
		RABENSTEIN, MARK., et al. , "A Peptide from the Heptad Repeat of Human Immunodeficiency Virus gp41 Shows both Membrane Binding and Coiled Coil Formation", <u>Biochemistry</u> , (1995), 13390-13397	
		SHU, WEI., et al. , "Trimerization Specificity in HIV-1 gp41: Analysis with a GCN4 Leucine Zipper Model", <u>Biochemistry</u> , (1999), 5378-5385	
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		WILD, CARL., et al. , "Propensity for a leucine zipper-like domain of human immunodeficiency virus type 1 gp41 to form oligomers correlates with a role in virus-induced fusion rather than assembly of the glycoprotein complex", <u>Proceedings of the National Academy of Sciences of the United States of America</u> , (12/1994), 12676-12680	

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